

Title (en)

DAMPING DEVICE FOR A PERCUSSION ROCK DRILLING MACHINE

Publication

**EP 0265401 A3 19900110 (EN)**

Application

**EP 87850288 A 19870925**

Priority

SE 8604362 A 19861015

Abstract (en)

[origin: EP0265401A2] Damping device for a percussion rock drilling machine. A damper piston (22) and a compressed air cushion in a damping chamber (23) transfer feeding force from the drill machine housing (11) to the drill string (15). A venting valve (51) is arranged for venting the damping chamber (23) after which the damping chamber can be pressurized with a selectable pressure.

IPC 1-7

**B25D 17/24**; **E21C 5/14**; **E21C 3/24**

IPC 8 full level

**B25D 17/24** (2006.01); **E21B 1/30** (2006.01); **E21B 44/08** (2006.01)

CPC (source: EP US)

**B25D 17/245** (2013.01 - EP US); **E21B 1/30** (2020.05 - EP US); **E21B 44/08** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0265401 A2 19880427**; **EP 0265401 A3 19900110**; AU 590456 B2 19891102; AU 7980587 A 19880421; FI 874527 A0 19871014; FI 874527 A 19880416; JP S63169273 A 19880713; SE 8604362 D0 19861015; SE 8604362 L 19880416; US 4871035 A 19891003; ZA 877296 B 19880408

DOCDB simple family (application)

**EP 87850288 A 19870925**; AU 7980587 A 19871015; FI 874527 A 19871014; JP 24822787 A 19871002; SE 8604362 A 19861015; US 10613487 A 19871007; ZA 877296 A 19870929